

StudSensor™ HD55

Deep-Scanning Stud Finder with SpotLite® Pointer and WireWarning® Detection



The StudSensor™ HD55 deep-scanning stud finder boasts more design innovations by Zircon. Featuring an enhanced LCD display, it debuts a new Target Spotlight that illuminates on-screen when you've found the edge of a stud. Select from two stud scan modes to find the edges of wood and metal studs to securely anchor mirrors, shelves, and cabinets to the wall while also avoiding live AC electrical wiring.

- **StudScan mode** locates the edges of wood or metal studs up to 19 mm deep
- **DeepScan® mode** doubles the scanning depth to 38 mm deep
- **WireWarning® Detection** indicates the presence of live, unshielded AC electrical wiring up to 51 mm deep
- Zircon's patented **"over-the-stud" indication** alerts you to start the scan in a new location as scanning began over a stud
- **Enhanced LCD display with Target Spotlight** indicates approaching stud edge and illuminates when stud edge is detected
- **SpotLite® Pointer** shines an arrow-shaped light on the wall to clearly indicate the edge of the stud
- **Translucent base and illuminated "V" marker groove** for more accurate marking of stud edge location
- **Rubber handle** for non-slip grip



Find Stud Edges



Find Wood or Metal Studs



Scan Thick Walls for Studs



WireWarning® Detection

SPECIFICATIONS

Dimensions	172 mm H x 72 mm W x 37 mm D
Weight	131 g without battery
Battery Type	9V alkaline, required
Position Accuracy*	Up to a depth of 19 mm: Typically within 3 mm using the dual scan and mark procedure Up to a depth of 38 mm: Typically within 5 mm using the dual scan and mark procedure

Depth*	StudScan mode: Up to 19 mm DeepScan® mode: Up to 38 mm
WireWarning® Position Accuracy*	Typically 90-250 V at 50-60Hz within 152 mm of a hot unshielded wire in drywall
WireWarning® Depth*	In typical wall with Romex® wiring, wire can be detected up to 51 mm deep

Operating Temperature	-7° to 41°C
Storage Temperature	-29° to 66°C
Humidity	5-90% RH (non-condensing)
Water Resistance	Splash and water resistant, not waterproof

*NOTE: Sensing depth and accuracy can vary due to moisture, content of materials, wall texture, paint, etc. Not recommended for use on lath and plaster. Indoor use only.